

## **Study of the local fluctuations of the Earth's crust using data of latitude observations**

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### **Abstract**

This paper presents investigations of the local fluctuations of the earth's crust using data of latitude observations. It was installed that there is anomalous deflections of the observed latitude before earthquakes. At the average the values of the anomalous variations equal 0.10". They does not depend on powers of the earthquake and data of the latitude observations is a good indicator in studying local geodynamic phenomena. There is a dependence of anomalous fluctuations upon time. Copyright 2005 by the American Geophysical Union.

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